CLAIMS

1. A printhead for printing on a print media, the printhead comprising:

a column of nozzles oriented at an angle to an axis of relative movement between the printhead and the print media; and

a print axis oriented substantially parallel to the axis of relative movement between the printhead and the print media,

wherein at least some of the nozzles are variably aligned to the print axis.

2. The printhead of claim 1, wherein the at least some of the nozzles are intersected by the print axis.

3. The printhead of claim 1, wherein one of the at least some of the nozzles is offset a first distance from the print axis and another of the at least some of the nozzles is offset a second distance from the print axis, wherein the second distance differs from the first distance.

4. The printhead of claim 1, wherein one of the at least some of the nozzles is offset from the print axis in a first direction and another of the at least some of the nozzles is offset from the print axis in a second direction opposite the first direction.

5. The printhead of claim 1, wherein the at least some of the nozzles includes adjacent nozzles of the column of nozzles.

6. The printhead of claim 1, wherein the column of nozzles includes multiple columns of nozzles, and wherein the at least some of the nozzles includes at least one nozzle of each of the columns of nozzles.

7. The printhead of claim 1, wherein the angle is an acute angle.

8. The printhead of claim 1, wherein the printhead is a non-scanning printhead.

9. The printhead of claim 1, wherein the printhead is a scanning printhead.

10. A printhead for printing on a print media, the printhead comprising:

a plurality of nozzles divided into subgroups of nozzles and including at least one column of nozzles oriented at an angle to an axis of relative movement between the printhead and the print media; and

a plurality of print axes oriented substantially parallel to the axis of relative movement between the printhead and the print media,

wherein nozzles within each one of the subgroups are variably aligned to one of the print axes.

11. The printhead of claim 10, wherein nozzles within each one of the subgroups are intersected by one of the print axes.

12. The printhead of claim 10, wherein one of the nozzles within one of the subgroups is offset a first distance from one of the print axes and another of the nozzles within the one of the subgroups is offset a second distance from the one of the print axes, wherein the second distance differs from the first distance.

13. The printhead of claim 10, wherein one of the nozzles within one of the subgroups is offset from one of the print axes in a first direction and another of the nozzles within the one of the subgroups is offset from the one of the print axes in a second direction opposite the first direction.

14. The printhead of claim 10, wherein at least one of the subgroups of nozzles includes multiple nozzles of the at least one column of nozzles.

15. The printhead of claim 10, wherein at least one of the subgroups of nozzles includes adjacent nozzles of the at least one column of nozzles.

16. The printhead of claim 10, wherein the at least one column of nozzles includes a first column of nozzles and a second column of nozzles spaced from and oriented substantially parallel to the first column of nozzles, and wherein at least one of the subgroups of nozzles includes at least one nozzle of the first column of nozzles and at least one nozzle of the second column of nozzles.

17. The printhead of claim 10, wherein the printhead is adapted to eject fluid through all of the nozzles within one of the subgroups to produce a dot pattern along one of the print axes.

18. The printhead of claim 10, wherein the printhead is adapted to eject fluid through less than all of the nozzles within one of the subgroups to produce a dot pattern along one of the print axes.

19. The printhead of claim 10, wherein the printhead is adapted to eject fluid through only one of the nozzles within one of the subgroups to produce a dot pattern along one of the print axes.

20. The printhead of claim 10, wherein the printhead is adapted to eject fluid through any one of the nozzles within one of the subgroups to produce a dot pattern along one of the print axes.

21. The printhead of claim 10, wherein the printhead is adapted to eject fluid through multiple nozzles within one of the subgroups to print overlapping dots along one of the print axes.

22. The printhead of claim 21, wherein the overlapping dots increase resolution.

23. The printhead of claim 21, wherein the overlapping dots increase dot size.

24. The printhead of claim 10, wherein the printhead is adapted to eject fluid through multiple nozzles within one of the subgroups to print multiple dots along one of the print axes.

25. The printhead of claim 10, wherein the angle is an acute angle.

26. The printhead of claim 10, wherein the printhead is a non-scanning printhead.

27. The printhead of claim 10, wherein the printhead is a scanning printhead.

28. A printhead arrangement for printing on a print media, the printhead arrangement comprising:

a first printhead including a first plurality of nozzles; and

a second printhead adjacent the first printhead and including a second plurality of nozzles,

wherein the first plurality of nozzles of the first printhead and the second plurality of nozzles of the second printhead each include at least one column of nozzles oriented at an angle to an axis of relative movement between the printhead arrangement and the print media, and

wherein at least one nozzle of the first plurality of nozzles and at least one nozzle of the second plurality of nozzles is included in a subgroup of nozzles each variably aligned to one of a plurality of print axes oriented substantially parallel to the axis of relative movement between the printhead arrangement and the print media.

29. The printhead arrangement of claim 28, wherein nozzles within the subgroup of nozzles are intersected by the one of the print axes.

30. The printhead arrangement of claim 28, wherein one of the nozzles within the subgroup of nozzles is offset a first distance from the one of the print axes and another of the nozzles within the subgroup of nozzles is offset a second distance from the one of the print axes, wherein the second distance differs from the first distance.

31. The printhead arrangement of claim 28, wherein one of the nozzles within the subgroup of nozzles is offset from the one of the print axes in a first direction and another of the nozzles within the subgroup of nozzles is offset from the one of the print axes in a second direction opposite the first direction.

32. The printhead arrangement of claim 28, wherein the angle is an acute angle.

33. A printhead for printing on a print media, the printhead comprising:

nozzles;

a print axis oriented substantially parallel to an axis of relative movement between the printhead and the print media; and

means for variably aligning at least some of the nozzles to the print axis.

34. The printhead of claim 33, wherein means for variably aligning at least some of the nozzles includes a column of the nozzles oriented at an angle to the axis of relative movement between the printhead and the print media.

35. The printhead of claim 33, wherein means for variably aligning at least some of the nozzles further includes means for varying an offset distance from the print axis to the at least some of the nozzles.

36. The printhead of claim 35, wherein means for varying the offset distance includes a column of the nozzles oriented at varied angles to the axis of relative movement between the printhead and the print media.

37. The printhead of claim 33, wherein means for variably aligning at least some of the nozzles further includes means for varying a number of the at least some of the nozzles.

38. The printhead of claim 37, wherein means for varying the number of the at least some of the nozzles includes a column of the nozzles oriented at varied angles to the axis of relative movement between the printhead and the print media.

39. A printhead for printing on a print media, the printhead comprising:

a plurality of nozzles divided into subgroups of nozzles;

a plurality of print axes oriented substantially parallel to an axis of relative movement between the printhead and the print media; and

means for variably aligning nozzles within each one of the subgroups to one of the print axes.

40. The printhead of claim 39, wherein means for variably aligning the nozzles includes a column of the nozzles oriented at an angle to the axis of relative movement between the printhead and the print media.

41. The printhead of claim 39, wherein means for variably aligning the nozzles further includes means for varying an offset distance from one of the print axes to the nozzles within each one of the subgroups.

42. The printhead of claim 41, wherein means for varying the offset distance provides means for varying resolution of the printhead.

43. The printhead of claim 41, wherein means for varying the offset distance provides means for varying dot size along the print axes.

44. The printhead of claim 41, wherein means for varying the offset distance includes a column of the nozzles oriented at varied angles to the axis of relative movement between the printhead and the print media.

45. The printhead of claim 39, wherein means for variably aligning the nozzles further includes means for varying a number of nozzles within the subgroups.

46. The printhead of claim 45, wherein means for varying the number of nozzles within the subgroups provides means for varying print speed of the printhead.

47. The printhead of claim 45, wherein means for varying the number of nozzles within the subgroups provides means for varying nozzle redundancy along the print axes.

48. The printhead of claim 45, wherein means for varying the number of nozzles within the subgroups includes a column of the nozzles oriented at varied angles to the axis of relative movement between the printhead and the print media.